

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005229.D
 Acq On : 11 Oct 2018 02:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:02 AM

Quant Time: Oct 11 08:14:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172781	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	122067	39.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.10%	
35) Dibromofluoromethane	5.50	113	99486	37.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.10%	
50) Toluene-d8	8.72	98	364414	40.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.64%	
62) 4-Bromofluorobenzene	11.14	95	139391	43.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	159399	54.12	ug/l	93
3) Chloromethane	1.32	50	179638	50.27	ug/l	100
4) Vinyl Chloride	1.40	62	177373	52.92	ug/l	99
5) Bromomethane	1.64	94	98085	49.35	ug/l	99
6) Chloroethane	1.71	64	101564	55.88	ug/l	96
7) Trichlorofluoromethane	1.92	101	227846	54.91	ug/l	94
8) Diethyl Ether	2.19	74	89645	49.73	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122890	51.99	ug/l	99
10) Methyl Iodide	2.51	142	151216	47.81	ug/l	90
11) Tert butyl alcohol	3.09	59	237289	275.00	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119176	50.91	ug/l	90
13) Acrolein	2.29	56	106995	174.28	ug/l	92
14) Allyl chloride	2.72	41	265167	51.92	ug/l	95
15) Acrylonitrile	3.15	53	508899	267.91	ug/l	96
16) Acetone	2.45	43	464860	258.01	ug/l	93
17) Carbon Disulfide	2.56	76	347313	49.38	ug/l	98
18) Methyl Acetate	2.78	43	266171	58.31	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	441203	54.64	ug/l	97
20) Methylene Chloride	2.85	84	140164	53.57	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	128534	50.16	ug/l	88
22) Diisopropyl ether	3.87	45	437136	50.83	ug/l	98
23) Vinyl Acetate	3.82	43	1950392	247.75	ug/l	99
24) 1,1-Dichloroethane	3.69	63	260755	50.83	ug/l	100
25) 2-Butanone	4.71	43	663298	249.76	ug/l	96
26) 2,2-Dichloropropane	4.58	77	121229	33.93	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	135023	47.17	ug/l	98
28) Bromochloromethane	5.01	49	89624	37.10	ug/l	99
29) Tetrahydrofuran	5.16	42	437295	264.92	ug/l	98
30) Chloroform	5.21	83	234149	48.29	ug/l	99
31) Cyclohexane	5.57	56	203985	51.95	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	203268	51.33	ug/l	95
36) 1,1-Dichloropropene	5.79	75	172065	46.96	ug/l	95
37) Ethyl Acetate	4.86	43	231680	47.64	ug/l	98
38) Carbon Tetrachloride	5.78	117	182332	47.34	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192685	51.50	ug/l #	86
40) Benzene	6.14	78	530743	46.27	ug/l	94
41) Methacrylonitrile	5.06	41	128167	47.52	ug/l	97
42) 1,2-Dichloroethane	6.20	62	193615	47.75	ug/l	97
43) Isopropyl Acetate	6.47	43	337290	48.05	ug/l	97
44) Trichloroethene	7.21	130	140539	49.84	ug/l	95
45) 1,2-Dichloropropane	7.52	63	142091	50.51	ug/l	96
46) Dibromomethane	7.66	93	91990	52.04	ug/l	99
47) Bromodichloromethane	7.90	83	178889	54.05	ug/l	99
48) Methyl methacrylate	7.78	41	181775	57.05	ug/l	99
49) 1,4-Dioxane	7.76	88	87441	1104.68	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1247186	282.18	ug/l	99
52) Toluene	8.79	92	329518	52.28	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	187570	50.15	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	203393	51.92	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	137995	49.98	ug/l	97
56) Ethyl methacrylate	9.18	69	217370	48.60	ug/l	96
57) 1,3-Dichloropropane	9.37	76	233014	50.71	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	463533	198.00	ug/l	99
59) 2-Hexanone	9.50	43	1002050	272.06	ug/l	95
60) Dibromochloromethane	9.59	129	145528	52.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	144922	49.01	ug/l	96
64) Tetrachloroethene	9.34	164	147374	49.31	ug/l	96
65) Chlorobenzene	10.14	112	371767	47.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	137888	50.36	ug/l	99
67) Ethyl Benzene	10.26	91	630159	50.97	ug/l	97
68) m/p-Xylenes	10.36	106	496404	102.75	ug/l	95
69) o-Xylene	10.70	106	237317	53.48	ug/l	100
70) Styrene	10.71	104	405073	48.86	ug/l	99
71) Bromoform	10.86	173	124057	52.93	ug/l #	97
73) Isopropylbenzene	11.02	105	644144	59.15	ug/l	99
74) N-amyl acetate	10.90	43	307572	51.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231702	52.27	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	208281m	53.78	ug/l	
77) Bromobenzene	11.26	156	174146	55.05	ug/l	99
78) n-propylbenzene	11.36	91	739235	59.16	ug/l	99
79) 2-Chlorotoluene	11.42	91	440657	56.58	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	553288	55.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59096	41.95	ug/l	100
82) 4-Chlorotoluene	11.51	91	527653	57.56	ug/l	99
83) tert-Butylbenzene	11.77	119	543041	60.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	572090	55.60	ug/l	99
85) sec-Butylbenzene	11.94	105	653442	59.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	593127	59.94	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	323763	54.81	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326595	53.56	ug/l	100
89) n-Butylbenzene	12.39	91	515874	57.40	ug/l	99
90) Hexachloroethane	12.60	117	96129	58.35	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	330020	53.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57884	59.47	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246810	57.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	120918	53.85	ug/l	99
95) Naphthalene	13.83	128	786927	54.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256405	57.32	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

